

Site Visit Report  
US 460 – John Moore Branch  
AI # 34826  
Pike County  
KYTC Item No.: 12-0263.72  
Jesse Robinson, WQC Project  
Manager  
2.20.2009

- **Location:** US 460 Construction, John Moore Branch near 37.3096/ 82.3625. 1 mile Northwest of Elkhorn City on KY 80 in Pike County.
- **Background:** Application for WQC received 1/21/2009. The proposal would eliminate almost all of the streams within John Moore Branch through filling for the new alignment of US-460. In addition to the impacts associated with US-460, excess fill material will create area for future commercial and industrial development. Fill will impact the perennial mainstem of John Moore Branch and four intermittent tributaries: Goose Hollow, Oscar Right Hollow, and two small tributaries to John Moore Branch labeled as JMB Trib #1 and JMB Trib #2. In addition, numerous ephemeral tributaries will be eliminated. The total loss of perennial streams is 8939 linear feet. The total loss of intermittent streams is 6886 linear feet.
- **Objective:** The condition of impacted resources was assessed. In addition, because the impact lengths provided for some resources did not seem to match the predicted length when analyzed using ArcMap, assessment of impact lengths using ground-truthing techniques was undertaken. This was completed using a measuring wheel and two GPS units. Prior to use in the field, these items were calibrated to ensure proper agreement.

- **Other Attendees:** Adam Jackson, WQC Project Manager
- **Description of site visit:** Each length was assessed, primarily using the measuring wheel. Agreement with lengths provided was reasonable, given the difficulty in assessing impact lengths using aerial resources. On the whole, the difference between impact length provided and the length measured was less than 5%. Given the inaccuracy associated with determining changes in flow status area and quantifying the outer disturbance area, the impact lengths provided will be accepted.  
Resource quality was also assessed.
- **Follow up activities:** The project will be noticed on March 11, 2009, assuming no outstanding issues remain.

# Goose Hollow

2365 linear feet - Intermittent











# Oscar Right Hollow

2501 linear feet - Intermittent



























**JMB Trib #1**

**670 linear feet - Intermittent**



# JMB Trib #2

1350 linear feet - intermittent











